



FORM HDP-1449 (Based on Form PTO-1449)

**PATENT AND TRADEMARK OFFICE  
INFORMATION DISCLOSURE CITATION**  
(Use several sheets if necessary)

Sheet 1 of 7

ATTORNEY DOCKET No.	APPLICATION No.
9919-000002/COC	10/668,708
APPLICANT	
John F. Austermann III	
FILING DATE	GROUP
September 23, 2003	2616

**U.S. PATENT DOCUMENTS**

Ref. Desig.	Examiner's Initials	Document Number	Date	Name	Class/ Subclass	(If appropriate) Filing Date
1	/SH/	3,425,050	Jan-69	Tellerman et al	340/571	Oct-12-1965
2		3,659,277	Apr-72	Brown	340/870.2	Jun-18-1970
3		3,697,984	Oct-72	Atkinson et al	340/505	May-23-1969
4		3,836,901	Sep-74	Matto et al	340/522	Nov-30-1973
5		4,024,359	May-77	De Marco et al	379/22.02	Feb-11-1976
6		4,024,360	May-77	Biraghi et al	370/200	Feb-11-1976
7		4,063,220	Dec-77	Metcalfe et al	370/462	Mar-31-1975
8		4,173,714	Nov-76	Bloch et al	370/200	Jan-3-1977
9		4,293,948	Oct-81	Soderblom	370/424	Oct-29-1974
10		4,348,661	Sep-82	Lucchesi	340/510	Sep-26-1980
11		4,383,315	May-83	Torng	370/452	Jul-20-1981
12		4,454,477	Jun-84	Joffe	379/380	Apr-28-1982
13		4,464,658	Aug-84	Thelen	370/228	Mar-5-1982
14		4,479,228	Oct-84	Crane	375/219	Mar-11-1981
15		4,482,999	Nov-84	Janson et al	370/452	Dec-1-1981
16		4,524,349	Jun-85	Hyatt	340/500	Aug-9-1982
17		5,948,007	Sep-99	Choi et al	710/9	Oct-29-1997
18		6,384,755	May-08	Hayden	341/120	Apr-9-1999
19		4,551,671	Nov-85	Annunziata et al	324/539	Jun-23-1983
20		4,578,539	Mar-86	Townsing	379/106.11	Aug-10-1983
21		4,602,364	Jul-86	Herman et al	370/462	Apr-23-1984
22	/SH/	4,622,541	Nov-86	Stockdale	340/566	Jan-9-1984

Examiner: /Soon Hyun/ Date Considered: 08/27/2008

EXAMINER: Please initial if citation considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

FORM HDP-1449 (Based on Form PTO-1449)

**PATENT AND TRADEMARK OFFICE  
INFORMATION DISCLOSURE CITATION**  
(Use several sheets if necessary)

Sheet 2 of 7

ATTORNEY DOCKET No.	APPLICATION No.
9919-000002/COC	10/668,708
APPLICANT	
John F. Austermann III	
FILING DATE	GROUP
September 23, 2003	2616

**U.S. PATENT DOCUMENTS**

Ref. Desig.	Examiner's Initials	Document Number	Date	Name	Class/ Subclass	(If appropriate) Filing Date
23	/SH/	4,633,217	Dec-86	Akano	340/310.15	May-22-1985
24	↓	4,647,721	Mar-87	Busam et al	379/102.04	Mar-19-1985
25		4,647,912	Mar-87	Bates et al	370/463	Dec-20-1985
26		4,649,548	Mar-87	Crane	375/219	Sep-26-1983
27		4,658,242	Apr-87	Zeder	340/568.4	Jun-7-1985
28		4,685,129	Aug-87	Gavrilovich	379/324	Oct-2-1985
29		4,691,344	Aug-87	Brown et al	379/106.11	Jan-21-1986
30		4,701,630	Oct-87	Annunziata et al	307/112	Jun-27-1985
31		4,701,946	Oct-87	Oliva et al	379/102.04	Oct-23-1984
32		4,728,948	Mar-88	Fields	340/3.71	Nov-15-1985
33		4,733,389	Mar-88	Puvegol	370/200	Jul-28-1986
34		4,737,787	Apr-88	Ito et al	340/870.18	Oct-16-1986
35		4,755,922	Jul-88	Puvogel	363/21.16	Mar-26-1987
36		4,758,823	Jul-88	Berruyer et al	340/524	
37		4,766,386	Aug-88	Oliver et al	324/533	
38		4,862,158	Aug-89	Keller et al	370/439	
39		4,864,598	Sep-89	Lynch et al	379/22.02	
40		4,866,768	Sep-89	Sinberg	379/413	
41		4,882,728	Nov-89	Herman	370/254	Apr-7-1987
42		4,907,261	Mar-90	Chapman	379/234	Feb-8-1989
43		/SH/	4,918,688	Apr-90	Krause et al	370/257

Examiner: /Soon Hyun/ Date Considered: 08/27/2008

EXAMINER: Please initial if citation considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

FORM HDP-1449 (Based on Form PTO-1449)

**PATENT AND TRADEMARK OFFICE  
INFORMATION DISCLOSURE CITATION**  
(Use several sheets if necessary)

Sheet 3 of 7

ATTORNEY DOCKET NO.	APPLICATION NO.
9919-000002/COC	10/668,708
APPLICANT	
John F. Austermann III	
FILING DATE	GROUP
September 23, 2003	2616

U.S. PATENT DOCUMENTS						
Ref. Desig.	Examiner's Initials	Document Number	Date	Name	Class/ Subclass	(If appropriate) Filing Date
44	/SH/	4,922,503	May-90	Leone	370/402	Oct-28-1988
45		4,935,926	Jun-90	Herman	370/401	Oct-10-1989
46		4,937,851	Jun-90	Lynch et al	379/24	Apr-28-1989
47		4,942,604	Jul-90	Smith et al	379/412	Jun-22-1988
48		4,953,055	Aug-90	Douhet et al	361/62	Sep-9-1988
49		4,958,371	Sep-90	Damoci et al	379/377	Apr-19-1988
50		4,961,222	Oct-90	Johansson et al	379/413	Aug-10-1989
51		4,980,913	Dec-90	Skret	713/153	Apr-19-1988
52		4,991,123	Feb-91	Casamassima	340/525	Jan-6-1989
53		4,998,275	Mar-91	Braunstien et al	379/164	Jul-7-1986
54		5,003,579	Mar-91	Jones	379/93.05	Sep-7-1989
55		5,020,100	May-91	Gardiner	379/379	Jul-7-1989
56		5,032,819	Jul-91	Sakuragi et al	375/257	Oct-17-1989
57		5,034,738	Jul-91	Ishihara et al.	370/258	Dec-15-1989
58		5,051,723	Sep-91	Long et al	340/566	Sep-29-1989
59		5,055,827	Oct-91	Phillip	340/568.4	Feb-20-1990
60		5,063,563	Nov-91	Ikeda et al	370/216	Sep-6-1990
61		5,089,974	Feb-92	Demeyer et al	340/3.41	Nov-2-1989
62		5,119,398	Jun-92	Webber Jr.	375/219	Oct-19-1989
63		5,124,982	Jun-92	Kaku	370/445	Feb-27-1990
64	/SH/	5,133,005	Jul-92	Kelly et al	379/146	Feb-15-1991

Examiner: /Soon Hyun/ Date Considered: 08/27/2008

EXAMINER: Please initial if citation considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

FORM HDP-1449 (Based on Form PTO-1449)

**PATENT AND TRADEMARK OFFICE  
INFORMATION DISCLOSURE CITATION**  
(Use several sheets if necessary)

Sheet 4 of 7

ATTORNEY DOCKET NO.	APPLICATION NO.
9919-000002/COC	10/668,708
APPLICANT	
John F. Austermann III	
FILING DATE	GROUP
September 23, 2003	2616

**U.S. PATENT DOCUMENTS**

Ref. Desig.	Examiner's Initials	Document Number	Date	Name	Class/ Subclass	(If appropriate) Filing Date
65	/SH/	5,144,544	Sep-92	Jenneve et al	363/49	Aug-30-1990
66		5,148,144	Sep-92	Sutterlin et al	455/402	Mar-28-1991
67		5,164,960	Nov-92	Wincn et al	375/224	Feb-15-1990
68		5,179,291	Jan-93	Nishikawa et al	307/139	Oct-2-1990
69		5,181,240	Jun-93	Sakuragi	379/93.36	May-8-1991
70		5,200,743	Apr-93	St. Martin et al	340/3.51	Jun-26-1991
71		5,226,120	Jul-93	Brown et al	709/224	May-21-1990
72		5,237,606	Aug-93	Ziermann	379/413	May-1-1991
73		5,249,183	Sep-93	Wong et al	370/228	Mar-14-1991
74		5,257,287	Oct-93	Blumenthal et al	375/292	Nov-30-1990
75		5,260,664	Nov-93	Graham	324/522	Jan-12-1993
76		5,278,888	Jan-94	Myllymaki	379/39	Apr-14-1992
77		5,289,359	Feb-94	Ziermann	363/21.11	Apr-16-1992
78		5,289,458	Feb-94	Taha	370/228	Mar-30-1992
79		5,289,461	Feb-94	de Nijs	370/360	Dec-14-1992
80		5,297,141	Mar-94	Marum	370/402	Dec-27-1991
81		5,311,114	May-94	Sambamurthy et al	370/296	Oct-27-1992
82		5,311,518	May-94	Takato et al	370/359	Apr-12-1991
83		5,333,192	Jul-94	McGinn	379/413.04	Jun-7-1991
84		5,347,225	Sep-94	Graham	324/523	Mar-10-1994
85	/SH/	5,365,515	Nov-94	Graham	370/252	Apr-28-1994

Examiner: /Soon Hyun/ Date Considered: 08/27/2008

EXAMINER: Please initial if citation considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

FORM HDP-1449 (Based on Form PTO-1449)

**PATENT AND TRADEMARK OFFICE**  
**INFORMATION DISCLOSURE CITATION**  
 (Use several sheets if necessary)

Sheet 5 of 7

ATTORNEY DOCKET NO.	APPLICATION NO.
9919-000002/COC	10/668,708
APPLICANT	
John F. Austermann III	
FILING DATE	GROUP
September 23, 2003	2616

**U.S. PATENT DOCUMENTS**

Ref. Desig.	Examiner's Initials	Document Number	Date	Name	Class/ Subclass	(If appropriate) Filing Date
86	/SH/	5,396,555	Mar-95	Shibata	379/412	Mar-17-1992
87		5,414,708	May-95	Webber	370/445	Dec-1-1992
88		5,414,709	May-95	Baze	370/258	Apr-5-1994
89		5,469,437	Nov-95	Runaldue	370/445	Jun-12-1992
90		5,477,091	Dec-95	Fiorina et al	307/66	Nov-4-1992
91		5,485,488	Jan-96	Van Brunt et al	375/257	Mar-29-1994
92		5,497,460	Mar-96	Bailey	714/39	Jun-20-1994
93		5,764,647	Jun-98	Riley	370/489	Nov-30-1995
94		5,799,194	Aug-98	Allen	713/320	Sep-28-1995
95		5,854,824	Dec-98	Bengal	379/32.04	Aug-30-1995
96		5,991,885	Nov-99	Chang et al	713/300	Jun-11-1997
97		5,994,998	Nov-99	Fisher et al	375/258	May-29-1997
98		6,000,003	Dec-99	Allen	713/320	Sep-19-1996
99		6,115,468	Sep-00	De Nicolo	379/413	Mar-26-1998
100		6,125,448	Sep-00	Schwan et al	713/300	May-2-1997
101		6,140,911	Oct-00	Fisher et al	375/258	Oct-12-1999
102		6,147,601	Nov-00	Sandelman et al	340/506	May-24-1999
103		6,147,963	Nov-00	Walker et al	370/200	Jul-11-1997
104		6,169,475	Jan-01	Browning	340/286.02	Mar-30-1998
105		6,218,930	Apr-01	Katzenberg et al	370/200	Mar-10-1999
106	/SH/	6,272,552	Aug-01	Melvin et al	709/250	Sep-24-1998

Examiner: /Soon Hyun/ Date Considered: 08/27/2008

EXAMINER: Please initial if citation considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

FORM HDP-1449 (Based on Form PTO-1449)

**PATENT AND TRADEMARK OFFICE  
INFORMATION DISCLOSURE CITATION**  
(Use several sheets if necessary)

Sheet 6 of 7

ATTORNEY DOCKET NO.	APPLICATION NO.
9919-000002/COC	10/668,708
APPLICANT	
John F. Austermann III	
FILING DATE	GROUP
September 23, 2003	2616

**U.S. PATENT DOCUMENTS**

Ref. Desig.	Examiner's Initials	Document Number	Date	Name	Class/ Subclass	(If appropriate) Filing Date
107	/SH/	6,295,356 B1	Sep-01	De Nicolo	379/413	Mar-26-1998
108		6,348,874	Feb-02	Cole et al	340/825.01	Oct-14-1998
109		6,373,851	Apr-02	Dadario	370/445	Jul-23-1998
110		6,473,608 B1	Oct-02	Lehr et al	455/402	Aug-2-1999
111		6,504,825	Jan-03	Atkins et al	370/254	Mar-18-1999
112		6,522,151	Feb-03	Armistead et al	324/538	Aug-5-1998
113		6,643,566	Nov-03	Lehr et al	700/286	Apr-16-1999
114		6,658,108	Dec-03	Bissell et al	379/413	Apr-9-1999
115	/SH/	Re. 33,807	Jan-92	Abel et al	340/500	Feb-9-87

**FOREIGN PATENT DOCUMENTS**

Ref. Desig.	Examiner's Initials	Document Number	Date	Country	Class/ Subclass	Translation Yes	No
1	/SH/	0 357 482 B1	Mar-90	Europe	G 08 B 13/14	Abstract	
2	/SH/	42 03 304 A1	Aug-92	Germany	G 08 B 13/22	Abstract	
3	/SH/	0 415 312 A1	Mar-91	Europe	H04M 19/08	Abstract	

**OTHER DOCUMENTS (including Author, Title, Date, Pertinent Pages, etc.)**

Ref. Desig.	Examiner's Initials	
1.	/SH/	IEEE, "Twisted-Pair Medium Attachment Unit (MAU) and Baseband Medium, Type 10BASE-T" IEEE Std. 802.3i-1990 (section 14) (1990)

Examiner: /Soon Hyun/ Date Considered: 08/27/2008

EXAMINER: Please initial if citation considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

FORM HDP-1449 (Based on Form PTO-1449)

**PATENT AND TRADEMARK OFFICE  
INFORMATION DISCLOSURE CITATION**  
(Use several sheets if necessary)

Sheet 7 of 7

ATTORNEY DOCKET NO.

APPLICATION NO.

9919-000002/COC

10/668,708

APPLICANT

John F. Austermann III

FILING DATE

GROUP

September 23, 2003

2616

**OTHER DOCUMENTS (including Author, Title, Date, Pertinent Pages, etc.)**

Ref. Desig.	Examiner's Initials	
2.	/SH/	IEEE, "Media Access Control (MAC) Parameters, Physical Layer, Medium Attachment Units, and Repeater for 100 Mb/s Operation, Type 100BASE-T (Clauses 21-30)" IEEE Std. 802.3u-1995
3.	/SH/	IEEE, "Physical Coding Sublayer (PCS), Physical Medium Attachment (PMA) sublayer and baseband medium, type 1000BASE-T" IEEE Std 802.3ab-1999
4.	/SH/	EIA/TIA 568 Standard, "Commercial Building Telecommunications Wiring Standard", July 1991
5.	/SH/	EIA/TIA Bulletin, TSB-36, "Technical Systems Bulletin Additional Cable Specifications for Unshielded Twisted Pair Cables", November 1991
6.	/SH/	EIA/TIA Bulletin, TSB40, "Additional Transmission Specifications for Unshielded Twisted Pair Connecting Hardware", August 1992

Examiner:

/Soon Hyun/

Date Considered:

08/27/2008

EXAMINER: Please initial if citation considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.